



PATENT  
Attorney Docket No.: SAM-0313

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Soo-geun Lee, *et al.*

Examiner: Nguyen, H.

Serial No.: 10/081,661

Group Art Unit: 2812

Filing Date: February 22, 2002

Title: METHOD OF MANUFACTURING INTERCONNECTION LINE IN  
SEMICONDUCTOR DEVICE

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Post Office as First Class Mail on the date indicated below in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

5-19-04

Date

Vanessa Marakas

Vanessa Marakas

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- under 37 CFR 1.129(a), or  
(First/Second submission after Final Rejection)
- under 37 CFR 1.97(b), or  
(Within three months of filing national application other than a CPA under §1.53(d); or within three months of date of entry of the national stage in international application; or before mailing date of first Office Action on the merits; or before mailing date of first Office Action after filing RCE under §1.114, whichever occurs last)
- under 37 CFR 1.97(c) together with either:
  - a Statement under 37 CFR 1.97(e), as checked below, or
  - the \$180.00 fee under 37 CFR 1.17(p), or  
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, or other action which closes prosecution, whichever occurs first)
- under 37 CFR 1.97(d) together with:
  - a Statement under 37 CFR 1.97(e), as checked below, and
  - the \$180.00 fee set forth in 37 CFR 1.17(p).  
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Applicant(s): Soo-geun Lee, *et al.*  
Serial No.: 10/081,661

Statement Under 37 1.97(e)

[ ] Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

[X] No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Enclosed herewith is form PTO-1449:

[X] Copies of cited references are enclosed.

[ ] Copies of cited references are enclosed except those entered in prior application, U.S. Serial No. \_\_\_\_\_, and references that are not required to be submitted under 37 CFR 1.98.

[ ] The listed references were cited in a counterpart foreign application.

Concise Explanation Requirement (non-English references):

[ ] The "concise explanation" requirement under 36 CFR 1.98(a)(3)(i) for reference \_\_\_\_\_ is satisfied by:

[ ] the explanation provided on the attached sheet.

[ ] the explanation provided in the Specification.

[ ] abstract.

It is requested the information disclosed herein be made of record in this application.

Applicant(s): Soo-geun Lee, *et al.*  
Serial No.: 10/081,661

Method of payment:

Enclosed is a check in the amount of \$180.00.

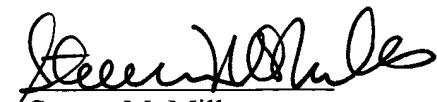
Please charge Deposit Account of 50-1798 in the amount of \_\_\_\_\_.

Two duplicate copies of this Statement are enclosed.

Please charge any deficiency in fees and credit any overpayment to Deposit Account No. 50-1798.

Respectfully submitted,

Date: May 19, 2004  
Mills & Onello, LLP  
Eleven Beacon Street, Suite 605  
Boston, Massachusetts 02108  
Telephone: (617) 994-4900  
Facsimile: (617) 742-7774  
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Steven M. Mills  
Registration Number 36,610  
Attorney for Applicants

Subst. Form PTO-1449				Docket Number (Optional) <b>SAM-0313</b>	Application Number <b>10/081,661</b>		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION <i>(Use several sheets if necessary)</i>				Applicant <b>Soo-geun Lee, et al.</b>			
				Filing Date <b>2-22-02</b>	Group Art Unit <b>2812</b>		
U. S. Patent Documents							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK	6,461,955 B1	10/08/02	Tsu, et al.	438	618	03/09/00
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES      NO
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AR						
	AS	S. Wolf and R.N. Tauber, Silicon Processing, Lattice Press, Vol. 1, Page 171					
	AT						
EXAMINER				DATE CONSIDERED			

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.

Subst. Form PTO-1449

MAY 21 2004

INFORMATION DISCLOSURE CITATIONS  
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)

SAM-0313

Application Number

10/081,661

Applicant

Soo-geun Lee, et al.

Filing Date

2-22-02

Group Art Unit

2812

## U. S. Patent Documents

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA	6,458,705	10/01/02	Hung, et al.	438	692	06/06/01
	BB	6,509,267	01/21/03	Woo, et al.	438	687	06/20/01
	BC	2002/0009873	01/24/02	Usami	438	620	07/23/01
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						

## FOREIGN PATENT DOCUMENTS

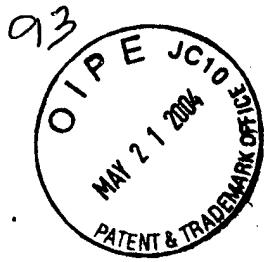
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
	BL							
	BM							
	BN							
	BO							
	BP							
	BQ							

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

BR	
BS	
BT	

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.



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PATENT  
Attorney Docket No.: SAM-0313  
Customer No.: 29344

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5-19-04

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Vanessa Marakas

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following listed items:

1. Supplemental Information Disclosure Statement;
2. Forms PTO-1449 and copies of cited references AK, AS and BA-BC ;
3. Check in the amount of \$180.00 to cover fee set forth in 37 C.F.R. 1.17(p); and
4. Return Postcard.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Date: May 19, 2004  
Mills & Onello, LLP  
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